

**Patent Application Transmittal**  
(only for new nonprovisional applications under 37 C.F.R. 1.53(b))

EXPRESS MAIL

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Date of Deposit **October 15, 2003**  
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Date: October 15, 2003  
Attorney Docket No.: DT-6643

**Mail Stop Patent Application  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, V.A. 22313-1450**

Sir:

With reference to the filing in the United States Patent and Trademark Office of an application for patent in the name(s) of: **Christian Wolf, Paul Ludwig Geiss**

entitled: **MIXING ELEMENT**

New Application  
 Continuing Application

Continuation       Divisional       Continuation-in-Part (CIP)  
of prior application serial no. \_\_\_\_\_, filed \_\_\_\_\_.

[Note: If priority under 35 U.S.C. 120 involves a series of respectively copending applications, then in this amendment identify each and its relationship to its immediate predecessor.]

The prior application is assigned of record to \_\_\_\_\_.

This is an application of a small entity under 37 CFR 1.9(f) and the amounts shown in parentheses below have been employed in calculating the fee:

101503 1196 U.S.PTO 16834 U.S.PTO  
10/686856 101503

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The following are enclosed:

Specification ( 25 pages) & Abstract  
 6 Sheet(s) of Drawings  
 13 Claim(s) (including 1 independent claim(s))  
— This application contains a multiple dependent claim  
— Information Disclosure Statement, PTO-1449 and \_ references;  
  
 This filing fee has been calculated on the basis of the claims as amended by any enclosed preliminary amendment as follows:

Basic Fee, \$770.00 (\$385.00).....	\$ 770.00
Number of Claims in excess of 20 at \$18.00 (\$9.00) each:.....	00.00
Number of Independent Claims in excess of 3 at \$86.00 (\$43.00) each:.....	00.00
Multiple Dependent Claim Fee at \$290.00 (\$145.00).....	00.00
Assignment Recording Fee \$40.00 .....	00.00
Total Filing Fee.....	\$ 770.00

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication and credit any overpayment to Deposit Account No. 50-0955. A duplicate copy of this sheet is enclosed

(x) Any additional filing fees required under 37 CFR 1.16  
(x) Any patent application processing fees under 37 CFR 1.17.

Oath or Declaration and Power of Attorney  
 New \_\_\_ signed  unsigned  
— Copy from a prior application (37 C.F.R. 1.63(d))

Deletion of Inventors

— Signed Statement attached deleting inventor(s) named in the prior application (37 C.F.R. 1.63(d)(2) and 1.33(b))

— Power of attorney and/or correspondence address was changed during prosecution of the prior application. The new power of attorney is to Reg. No.. The new correspondence address is indicated above.

— Incorporation by Reference (for continuation or divisional application)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

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- A Preliminary Amendment is enclosed.  
(Claims added by this amendment have been properly numbered consecutively beginning with the number next following the highest numbered original claim in the prior application.)
- Cancel in this application original claims \_\_\_\_ of the prior application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
- New formal drawings are enclosed.
- Certified copy of each foreign priority application on which the claim for priority under 35 U.S.C. 119 is based was filed in prior U.S. application serial no. , filed . A list of said foreign priority application(s) is (are) provided below. Acknowledgement thereof is requested.

<u>Application Nos.</u>	<u>Filed</u>	<u>In</u>
102 48 541.0	10/17/02	Germany

- The Commissioner is hereby authorized to charge payment of the following fees during the pendency of the application or credit any overpayment to Deposit Account No. 50-0955. A duplicate copy of this sheet is enclosed .
  - (X) Any patent application processing fees under 37 CFR 1.17
  - (X) Any filing fees required under 37 CRF 1.16 for the presentation of extra claims.

Respectfully submitted,

Attorneys for Applicant(s)

By: Alexander Zinchuk  
Alexander Zinchuk  
Reg # 30,541